

10/015, 607
glh gtx
2 grey

Connecting via Winsock to STN

Welcome to STN International! Enter x:x

LOGINID: SSSPTA1600GXH

PASSWORD:

TERMINAL (ENTER 1, 2, 3, OR ?):2

NEWS 1 Web Page URLs for STN Seminar Schedule - N. America
NEWS 2 "Ask CAS" for self-help around the clock
NEWS 3 May 10 PROUSDDR now available on STN
NEWS 4 May 19 PROUSDDR: One FREE connect hour, per account, in both May and June 2004
NEWS 5 May 12 EXTEND option available in structure searching
NEWS 6 May 12 Polymer links for the POLYLINK command completed in REGISTRY
NEWS 7 May 17 FRFULL now available on STN
NEWS 8 May 27 New UPM (Update Code Maximum) field for more efficient patent SDIs in CPlus
NEWS 9 May 27 CPlus super roles and document types searchable in REGISTRY
NEWS 10 May 27 Explore APOLLIT with free connect time in June 2004
NEWS 11 Jun 22 STN Patent Forums to be held July 19-22, 2004
NEWS 12 Jun 28 Additional enzyme-catalyzed reactions added to CASREACT
NEWS 13 Jun 28 ANTE, AQUALINE, BIOENG, CIVILENG, ENVIROENG, MECHENG, and WATER from CSA now available on STN(R)

NEWS EXPRESS MARCH 31 CURRENT WINDOWS VERSION IS V7.00A, CURRENT MACINTOSH VERSION IS V6.0c(ENG) AND V6.0Jc(JP), AND CURRENT DISCOVER FILE IS DATED 26 APRIL 2004

NEWS HOURS STN Operating Hours Plus Help Desk Availability
NEWS INTER General Internet Information
NEWS LOGIN Welcome Banner and News Items
NEWS PHONE Direct Dial and Telecommunication Network Access to STN
NEWS WWW CAS World Wide Web Site (general information)

Enter NEWS followed by the item number or name to see news on that specific topic.

All use of STN is subject to the provisions of the STN Customer agreement. Please note that this agreement limits use to scientific research. Use for software development or design or implementation of commercial gateways or other similar uses is prohibited and may result in loss of user privileges and other penalties.

FILE 'HOME' ENTERED AT 11:29:26 ON 02 JUL 2004

=> file .agbiotech
COST IN U.S. DOLLARS

FULL ESTIMATED COST

SINCE FILE ENTRY	0.21	TOTAL SESSION	0.21
---------------------	------	------------------	------

FILE 'CAPLUS' ENTERED AT 11:29:46 ON 02 JUL 2004
USE IS SUBJECT TO THE TERMS OF YOUR STN CUSTOMER AGREEMENT.

PLEASE SEE "HELP USAGETERMS" FOR DETAILS.
COPYRIGHT (C) 2004 AMERICAN CHEMICAL SOCIETY (ACS)

FILE 'CABA' ENTERED AT 11:29:46 ON 02 JUL 2004
COPYRIGHT (C) 2004 CAB INTERNATIONAL (CABI)

FILE 'AGRICOLA' ENTERED AT 11:29:46 ON 02 JUL 2004

FILE 'BIOSIS' ENTERED AT 11:29:46 ON 02 JUL 2004
COPYRIGHT (C) 2004 BIOLOGICAL ABSTRACTS INC.(R)

=> s cell and laser
L1 49194 CELL AND LASER

=> s plant and l1
L2 3052 PLANT AND L1

=> s hole and l2
L3 24 HOLE AND L2

=> dup rem 13
PROCESSING COMPLETED FOR L3
L4 15 DUP REM L3 (9 DUPLICATES REMOVED)

=> d 1-15

L4 ANSWER 1 OF 15 CAPLUS COPYRIGHT 2004 ACS on STN
AN 2004:355905 CAPLUS
TI Use of **laser**(s) in the process of superplastic forming and diffusion bonding
AU Jocelyn, Alan; Kar, Aravinda; Jonik, Martin; Keevil, Allan; Ackerman, Mike; Way, Jerome; Flower, Terry
CS Faculty of Computing, Engineering and Mathematical Sciences, Aerospace Manufacturing Research Centre, Bristol, BS16 1QY, UK
SO Materials Science Forum (2004), 447-448(Superplasticity in Advanced Materials), 533-539
CODEN: MSFOEP; ISSN: 0255-5476
PB Trans Tech Publications Ltd.
DT Journal
LA English

L4 ANSWER 2 OF 15 BIOSIS COPYRIGHT 2004 BIOLOGICAL ABSTRACTS INC. on STN
AN 2004:71845 BIOSIS
DN PREV200400073450
TI Detection of metals in proteins by means of polyacrylamide gel electrophoresis and **laser** ablation-inductively coupled plasma-mass spectrometry: Application to selenium.
AU Chery, Cyrille C. [Reprint Author]; Gunther, Detlef; Cornelis, Rita; Vanhaecke, Frank; Moens, Luc
CS Laboratory of Analytical Chemistry, Ghent University, Proeftuinstraat 86, B-9000, Ghent, Belgium
cyrille.chery@rug.ac.be
SO Electrophoresis, (October 2003) Vol. 24, No. 19-20, pp. 3305-3313. print.
ISSN: 0173-0835 (ISSN print).
DT Article
LA English
ED Entered STN: 4 Feb 2004
Last Updated on STN: 4 Feb 2004

L4 ANSWER 3 OF 15 CAPLUS COPYRIGHT 2004 ACS on STN
AN 2002:553115 CAPLUS
DN 137:89432

TI A method for introducing foreign materials into **cells** using a **laser** beam to perforate the **cell** membrane
IN Kobayashi, Akio; Fukui, Kiichi; Harajima, Satoshi; Fukusaki, Eiichiro;
Kajiyama, Shinichiro; Okuda, Shinya; Shoji, Takeshi
PA Osaka University, Japan
SO Eur. Pat. Appl., 21 pp.
CODEN: EPXXDW

DT Patent
LA English

FAN.CNT 1

	PATENT NO.	KIND	DATE	APPLICATION NO.	DATE
PI	EP 1225228	A2	20020724	EP 2001-130275	20011220
	EP 1225228	A3	20021113	R: AT, BE, CH, DE, DK, ES, FR, GB, GR, IT, LI, LU, NL, SE, MC, PT, IE, SI, LT, LV, FI, RO, MK, CY, AL, TR	JP 2002325572 A2 20021112 JP 2001-349559 20011115
PRAI	US 2002115219	A1	20020822	US 2001-15607	20011217
	AU 2001097290	A5	20020627	AU 2001-97290	20011218
	JP 2000-392167	A	20001225	JP 2001-349559	20011115

L4 ANSWER 4 OF 15 CAPLUS COPYRIGHT 2004 ACS on STN

AN 2000:708169 CAPLUS

DN 134:11375

TI Playing with dye molecules at the inner and outer surface of zeolite L
AU Calzaferri, Gion; Bruhwiler, Dominik; Megelski, Silke; Pfenniger, Michel;
Pauchard, Marc; Hennessy, Brian; Maas, Huub; Devaux, Andre; Graf, Urs
CS Department of Chemistry and Biochemistry, University of Bern, Bern,
CH-3000/9, Switz.
SO Solid State Sciences (2000), 2(4), 421-447
CODEN: SSSCFJ; ISSN: 1293-2558

PB Editions Scientifiques et Medicales Elsevier

DT Journal

LA English

RE.CNT 26 THERE ARE 26 CITED REFERENCES AVAILABLE FOR THIS RECORD
ALL CITATIONS AVAILABLE IN THE RE FORMAT

L4 ANSWER 5 OF 15 CAPLUS COPYRIGHT 2004 ACS on STN DUPLICATE 1
AN 1999:443213 CAPLUS

DN 131:225568

TI Imaging techniques in **plant** transport: meeting review
AU Fricker, M. D.; Oparka, K. J.
CS Department of Plant Sciences, University of Oxford, Oxford, OX1 3RB, UK
SO Journal of Experimental Botany (1999), 50(Spec. Issue), 1089-1100
CODEN: JEBOA6; ISSN: 0022-0957
PB Oxford University Press
DT Journal; General Review
LA English

RE.CNT 49 THERE ARE 49 CITED REFERENCES AVAILABLE FOR THIS RECORD
ALL CITATIONS AVAILABLE IN THE RE FORMAT

L4 ANSWER 6 OF 15 AGRICOLA Compiled and distributed by the National
Agricultural Library of the Department of Agriculture of the United States
of America. It contains copyrighted materials. All rights reserved.
(2004) on STN DUPLICATE 2

AN 2000:65469 AGRICOLA

DN IND22056990

TI Single pollen typing combined with **laser**-mediated manipulation.

AU Matsunaga, S.; Schutze, K.; Donnison, I.S.; Grant, S.R.; Kuroiwa, T.;
Kawano, S.

CS University of Tokyo, Tokyo, Japan.

AV DNAL (QK710.P68)
SO The Plant journal : for cell and molecular biology, Nov 1999. Vol. 20, No.
3. p. 371-378
Publisher: Oxford : Blackwell Sciences Ltd.
ISSN: 0960-7412

NTE Includes references
CY England; United Kingdom
DT Article
FS Non-U.S. Imprint other than FAO
LA English

L4 ANSWER 7 OF 15 BIOSIS COPYRIGHT 2004 BIOLOGICAL ABSTRACTS INC. on STN
AN 2000:96269 BIOSIS
DN PREV200000096269
TI Three-dimensional visualization of the Golgi apparatus: Observation of
Brunner's gland **cells** by a confocal **laser** scanning
microscope.
AU Suzaki, Etsuko [Reprint author]; Kataoka, Katsuko
CS Department of Anatomy, Hiroshima University School of Medicine, 1-2-3
Kasumi, Minami-ku, Hiroshima, 734-8551, Japan
SO Journal of Structural Biology, (Dec. 15, 1999) Vol. 128, No. 2, pp.
131-138. print.
CODEN: JSBIEM. ISSN: 1047-8477.

DT Article
LA English
ED Entered STN: 15 Mar 2000
Last Updated on STN: 3 Jan 2002

L4 ANSWER 8 OF 15 CAPLUS COPYRIGHT 2004 ACS on STN DUPLICATE 3
AN 1998:643050 CAPLUS
DN 129:327971
TI Insertion of microscopic objects through **plant cell**
walls using **laser** microsurgery
AU Buer, Charles S.; Gahagan, Kevin T.; Swartzlander, Grover A., Jr.;
Weathers, Pamela J.
CS Department of Biology/Biotechnology, Worcester Polytechnic Institute,
Worcester, MA, 01609, USA
SO Biotechnology and Bioengineering (1998), 60(3), 348-355
CODEN: BIBIAU; ISSN: 0006-3592
PB John Wiley & Sons, Inc.
DT Journal
LA English
RE.CNT 37 THERE ARE 37 CITED REFERENCES AVAILABLE FOR THIS RECORD
ALL CITATIONS AVAILABLE IN THE RE FORMAT

L4 ANSWER 9 OF 15 CAPLUS COPYRIGHT 2004 ACS on STN
AN 1995:557039 CAPLUS
DN 122:310945
TI Direct gene introduction into **plant cells** using an N2-
laser microbeam
AU Osaki, Takeshi; Shimizu, Masaoki; Wakizuka, Takumi; Yamaguchi, Toshihiko
CS Coll. Agric., Univ. Osaka Prefect., Sakai, 593, Japan
SO Shokubutsu Soshiki Baiyo (1995), 12(1), 73-8
CODEN: SSBAET; ISSN: 0289-5773
PB Nippon Shokubutsu Soshiki Baiyo Gakkai
DT Journal
LA Japanese

L4 ANSWER 10 OF 15 CAPLUS COPYRIGHT 2004 ACS on STN DUPLICATE 4
AN 1995:297202 CAPLUS
DN 122:73246
TI **Laser**-mediated gene transfer in rice

AU Guo, Yande; Liang, Hong; Berns, Michael W.
CS Beckman Laser Inst. and Medical Clinic, Univ. California at Irvine,
Irvine, CA, 92715, USA
SO Physiologia Plantarum (1995), 93(1), 19-24
CODEN: PHPLAI; ISSN: 0031-9317
PB Munksgaard
DT Journal
LA English

L4 ANSWER 11 OF 15 BIOSIS COPYRIGHT 2004 BIOLOGICAL ABSTRACTS INC. on STN
AN 1992:36978 BIOSIS
DN PREV199242013128; BR42:13128
TI MACULAR **HOLE** FORMATION FOLLOWING **LASER**
PHOTOCOAGULATION OF CHOROIDAL NEOVASCULAR MEMBRANES IN A PATIENT WITH
PRESUMED OCULAR HISTOPLASMOSIS.
AU LIM J I [Reprint author]; SCHACHAT A P; CONWAY B
CS BALTIMORE, MD, USA
SO Archives of Ophthalmology, (1991) Vol. 109, No. 11, pp. 1500-1501.
CODEN: AROPAW. ISSN: 0003-9950.
DT Article
FS BR
LA ENGLISH
ED Entered STN: 7 Jan 1992
Last Updated on STN: 7 Jan 1992

L4 ANSWER 12 OF 15 CABA COPYRIGHT 2004 CABI on STN
AN 90:106885 CABA
DN 19901615752
TI Genetic manipulation
AU Dunwell, J. M.
CS Imperial Chemical Industries PLC, Imperial Chemical House, Millbank,
London SW1P 1NA, UK.
SO European Patent, (1989) .
Secondary Source: Biofutur (1989) No. 85, 72
DT Miscellaneous
LA English
ED Entered STN: 19941101
Last Updated on STN: 19941101

L4 ANSWER 13 OF 15 BIOSIS COPYRIGHT 2004 BIOLOGICAL ABSTRACTS INC. on STN
AN 1989:426909 BIOSIS
DN PREV198988085167; BA88:85167
TI UPTAKE OF DNA IN CHLOROPLASTS OF BRASSICA-NAPUS L. FACILITATED BY A UV-
LASER MICROBEAM.
AU WEBER G [Reprint author]; MONAJEMBASHI S; GREULICH K-O; WOLFRUM J
CS MAX-PLANCK-INST FUER ZELLBIOL, ROSENHOF, D-6802 LADENBURG/FRG
SO European Journal of Cell Biology, (1989) Vol. 49, No. 1, pp. 73-79.
CODEN: EJCBDN. ISSN: 0171-9335.
DT Article
FS BA
LA ENGLISH
ED Entered STN: 19 Sep 1989
Last Updated on STN: 19 Sep 1989

L4 ANSWER 14 OF 15 CABA COPYRIGHT 2004 CABI on STN
AN 88:29907 CABA
DN 19881670258
TI Genetic manipulation of **plant cells** and organelles
with a **laser** microbeam
AU Weber, G.; Monajembashi, S.; Greulich, K. O.; Wolfrum, J.
CS Max-Planck-Inst. fur Zellbiologie, Rosenhof, 6802 Ladenburg, German
Federal Republic.



Creation date: 07-13-2004

Indexing Officer: FQUIZON - FLORINDA QUIZON

Team: OIPEScanning

Dossier: 10298404

Legal Date: 07-13-2004

No.	Doccode	Number of pages
1	CTRS	13

Total number of pages: 13

Remarks:

Order of re-scan issued on